

# INTERNATIONAL SEARCH REPORT

1 International Application No.  
PC/1/US2004/006961

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C07F9/40 C07F9/54 C07C305/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07F C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/016631 A (ROBERTSON ALLAN J.; ZHOU YUEHUI (CA); BAUMANN DOUGLAS (CA); CYTEC CANA) 26 February 2004 (2004-02-26) page 2, line 23 - page 5, line 6 page 8, line 30 - page 9, line 4 page 11, line 22 - page 15, line 6; examples 1-6 page 16, line 25 - page 24; claims 1-13; example 10	1-56
Y	WO 02/079212 A (ROBERTSON ALLAN JAMES; SEDDON KENNETH RICHARD (IE); CYTEC TECH CORP ( )) 10 October 2002 (2002-10-10) page 36 - page 39; claims 1-18	1-56

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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Date of the actual completion of the international search

30 July 2004

Date of mailing of the international search report

05/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/87900 A (ROBERTSON ALLAN JAMES ; CYTEC TECH CORP (US)) 22 November 2001 (2001-11-22)</p> <p>page 6, line 21 - line 30 page 9; examples 1,2 page 10; table 1 page 18 - page 19; claims 1-6,8,9,11-14</p>	<p>1-5, 15-22, 30-37, 50,53,54</p>
X	<p>WO 03/020843 A (ROBERTSON ALLAN JAMES ; EARLE MARTYN JOHN (GB); HARDACRE CHRISTOPHER ( ) 13 March 2003 (2003-03-13)</p> <p>page 21; claim 2 page 23, line 4 - line 5; claim 8</p>	<p>30-37, 49-54</p>
Y	<p>EP 0 895 997 A (BASF AG) 10 February 1999 (1999-02-10)</p> <p>page 4, line 40 - page 5, line 50; claims 1-7</p>	<p>1-56</p>
Y	<p>EP 0 675 130 A (SHINETSU CHEMICAL CO) 4 October 1995 (1995-10-04)</p> <p>page 6; claims 1,2</p>	<p>1-56</p>
Y	<p>KANAZAWA A ET AL: "POLYMERIC PHOSPHONIUM SALTS AS A NOVEL CLASS OF CATIONIC BIOCIDES. II. EFFECTS OF COUNTER ANION AND MOLECULAR WEIGHT ON ANTIBACTERIAL ACTIVITY OF POLYMERIC PHOSPHONIUM SALTS" JOURNAL OF POLYMER SCIENCE, POLYMER CHEMISTRY EDITION, JOHN WILEY AND SONS. NEW YORK, US, vol. 31, no. 6, 1993, pages 1441-1447, XP001007322 ISSN: 0360-6376 the whole document</p>	<p>1-56</p>

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Information on patent family members

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